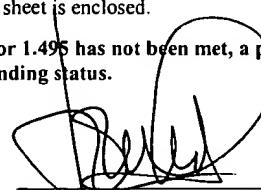


FORM PTO-1390 (REV 1-98)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY'S DOCKET NUMBER 81757.0032
<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371</b>				U.S. APPLICATION NUMBER (if known, see 37 C.F.R. 1.5) <b>09/700298</b> Not assigned
INTERNATIONAL APPLICATION NO. PCT/FI99/00395	INTERNATIONAL FILING DATE May 11, 1999		PRIORITY DATE CLAIMED May 11, 1998	
TITLE OF INVENTION METHOD AND DEVICE FOR DETECTING A SIGNAL HAVING A CERTAIN FREQUENCY				
APPLICANT(S) FOR DO/EO/US	Harri HURME of Espoo, Finland; Timo M. Tamminen; Jari KOSKELA both of Helsinki Finland.			
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:				
<ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>3. <input type="checkbox"/> This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).</li> <li>4. <input checked="" type="checkbox"/> A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.</li> <li>5. <input type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau).</li> <li>b. <input type="checkbox"/> has been transmitted by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ul> </li> <li>6. <input type="checkbox"/> A translation of the International Application into English (35 U.S.C. 371(c)(2)).</li> <li>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ul style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau).</li> <li>b. <input type="checkbox"/> have been transmitted by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input type="checkbox"/> have not been made and will not be made.</li> </ul> </li> <li>8. <input type="checkbox"/> A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</li> <li>10. <input type="checkbox"/> A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol>				
Items 11. to 16. below concern document(s) or information included:				
<ol style="list-style-type: none"> <li>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98.</li> <li>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included.</li> <li>13. <input type="checkbox"/> A <b>FIRST</b> preliminary amendment. <ul style="list-style-type: none"> <li><input type="checkbox"/> A <b>SECOND</b> or <b>SUBSEQUENT</b> preliminary amendment.</li> </ul> </li> <li>14. <input type="checkbox"/> A substitute specification.</li> <li>15. <input type="checkbox"/> A change of power of attorney and/or address letter.</li> <li>16. <input type="checkbox"/> Other items or information:</li> </ol>				

U.S. APPLICATION NO. <b>09/700298</b> (if known, see 37 C.F.R. 1.5)		INTERNATIONAL APPLICATION NUMBER Not assigned PCT/FI99/00395	ATTORNEY'S DOCKET NUMBER 81757.0032
17. <input checked="" type="checkbox"/> The following fees are submitted:		CALCULATIONS PTO USE ONLY	
<b>BASIC NATIONAL FEE (37 C.F.R. 1.492(a)(1)-(5)):</b>			
Neither international preliminary examination fee (37 C.F.R. 1.482) nor international search fee (37 C.F.R. 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO of JPO.....\$[970/485]			
International preliminary examination fee (37 C.F.R. 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO .....\$[840/420]			
International preliminary examination fee (37 C.F.R. 1.482) not paid to USPTO but international search fee (37 C.F.R. 1.445(a)(2)) paid to USPTO ....\$[760/380]			
International preliminary examination fee (37 C.F.R. 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) .....\$[670/335]			
International preliminary examination fee (37 C.F.R. 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) ..... \$96			
<b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b>			
Surcharge of \$130 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 C.F.R. 1.492(e)).			
\$ 970			
CLAIMS NUMBER FILED NUMBER ALLOWED NUMBER EXTRA RATE			
Total claims	10	20	0 LG=\$18/SM=\$ 9
Independent claims	2	3	0 LG=\$80/SM=\$40
MULTIPLE DEPENDENT CLAIM(S) (if applicable)		LG=\$270/SM=\$135 +	\$270
\$ 0			
<b>TOTAL OF ABOVE CALCULATIONS =</b>			
1100			
Reduction of 1/2 for filing by small entity, if applicable. Verified Small Entity Statement must also be filed (Note 37 C.F.R. 1.9, 1.27, 1.28).			
0			
<b>SUBTOTAL =</b>			
0			
Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 C.F.R. 1.492(f)).			
+ \$ 0			
<b>TOTAL NATIONAL FEE =</b>			
\$ 0			
Fee for recording the enclosed assignment (37 C.F.R. 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 C.F.R. 3.28, 3.31). \$40 per property			
+ \$ 40			
<b>TOTAL FEES ENCLOSED =</b>			
1100			
<b>Amt. Refunded</b> \$			
<b>Amt. charged</b>			
<p><b>a.</b> <input checked="" type="checkbox"/> Checks in the amounts of <u>\$1100</u> and <u>0</u> to cover the above fees are enclosed.</p> <p><b>b.</b> <input type="checkbox"/> Please charge my Deposit Account No. 50-1314 in the amount of <u>\$ 40</u> to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p><b>c.</b> <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-1314. A duplicate copy of this sheet is enclosed.</p>			
<p><b>NOTE: Where an appropriate time limit under 37 C.F.R. 1.494 or 1.495 has not been met, a petition to revive (37 C.F.R. 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</b></p>			
<p>SEND ALL CORRESPONDENCE TO:</p> <p></p> <p>HOGAN &amp; HARTSON L.L.P. 500 South Grand Avenue, Suite 1900 Los Angeles, California 90071 Phone: 213-337-6700 Fax: 213-337-6701</p> <p>SIGNATURE Louis A. Mok REG.NO. 22,585</p> <p>EL 589 806 575 US November 13, 2000</p>			

09/700298

529 Rec'd PCT/PTC 12 NOV 2000  
Attorney Docket No: 81757.0032

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Harri HURME et al.

Serial No: Not assigned

Filed: November 13, 2000

For: METHOD AND SYSTEM FOR DETECTING A SIGNAL  
HAVING A CERTAIN FREQUENCY

Art Unit: Not assigned

Examiner: Not assigned

CERTIFICATE OF MAILING VIA U.S. EXPRESS MAIL

"Express Mail" Mailing Label No. EL 589 806 575 US

Date of Deposit: November 13, 2000

Box PCT  
Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

I hereby certify that

- two copies of a letter of transmittal
- check in amount of \$ 1100 as filing fee
- patent application (10 page(s) of specification; 10 claim(s); 1 page(s) of abstract
- 3 sheet(s) of informal drawings
- Information Disclosure Statement with 8 references
- return postcard

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service with sufficient postage under 37 C.F.R. § 1.10 on the date indicated above and are addressed to:

Box PCT  
Commissioner for Patents  
Washington, D.C. 20231.

Date: November 13, 2000

Hogan & Hartson, LLP  
500 South Grand Avenue, Suite 1900  
Los Angeles, California 90071  
Telephone: 213-337-6700  
Facsimile: 213-337-6701

Darin Sutton

Name of person mailing papers

Signature